Version

5.5

USDA UNITED STATES DEPARTMENT OF AGRICULTURE

FARM SERVICE AGENCY

GIS Training Material

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Wetland Tool User Guide

Wetland Tool User Guide

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General Information

Description

This tool will be used to approximate the location and size of Wetland areas. It will help FSA employees to determine whether a farmer needs to meet with NRCS about possible wetland areas located on their farm. This theme will be a point theme and will contain four areas of information: Status, Label, Acreage, and Certification Date. **THIS PROCESS IS ONLY AN APPROXIMATION.**

Initial Installation

> NOTE: This tool will be installed when the CLU Maintenance Tool is installed.

Operation

The Wetland Tool is automatically started when the Maintenance Tool is loaded. Open ArcView with a new view. Click on "**File**" and select "**Extensions**…". Scroll through the list and check the box labeled "**CLU Maintenance Tool**". Click on "**OK**" to load the Wetlands tool. Now a new icon should appear on the ArcView button bar.
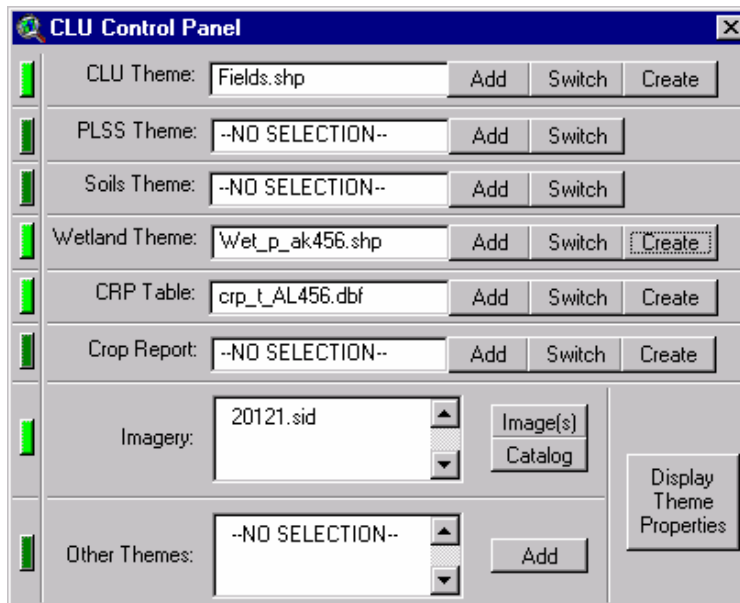

Wetlands Tool

Wetland Tool (toolbar)

Click on the button labeled "**Wetland Tool**" to open the "**Wetland Tool**" dialog.

Add / Create Wetland Theme

Choose "**Add**" to add existing Wetland shapefile.

The "**Add**" button prompts the user to search for the existing Wetland shapefile.

Choose "**Switch**" to switch to another theme.
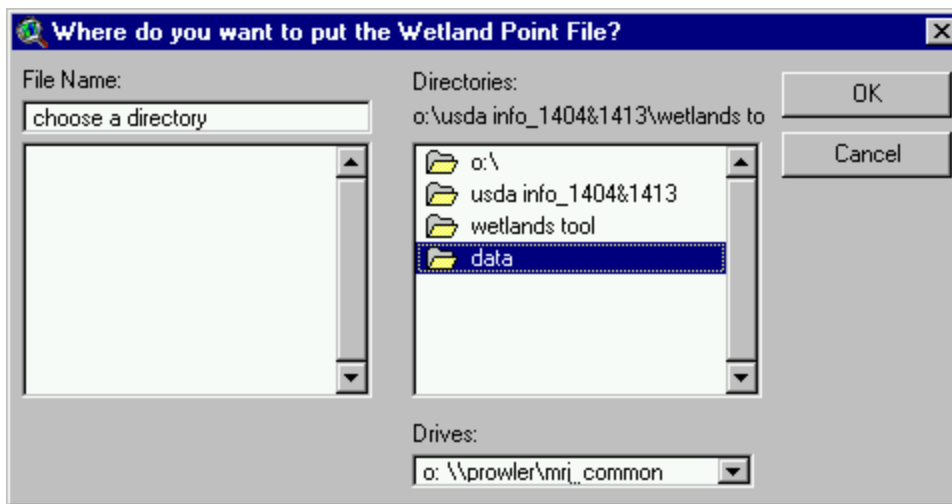
Create new Wetland shapefile

After selecting "**Create** "**to create a new Wetland shapefile**," the "**Enter State / County FIPS**" dialog box will open.

When this dialog opens, please do the following:

Choose the State Abbreviation for the state that is being edited from the drop down list. Type in a three-digit FIPS code that corresponds to the county that is being edited. Click on "**Set FIPS**" button to create the Wetland shapefile (the "**Cancel**" button will terminate the process).

Enter State / County Fips

State Fips Abbreviation MD ▼

County Fips (3 digit number) 047

Set FIPS   Cancel
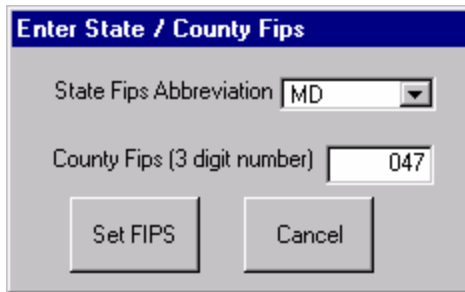
After Clicking on the "**Set FIPS**" button, choose the directory location to store the new shapefile.

Where do you want to put the Wetland Point File?

File Name:
choose a directory

Directories:
o:\usda info_1404&1413\wetlands to

📁 o:\
📁 usda info_1404&1413
📁 wetlands tool
📁 data

Drives:
o: \\prowler\mrj_common ▼

OK

Cancel

Now a new "Point" theme will be added to the View. Notice that the name begins with "wet_p_" followed by the two letter state abbreviation and three digit County FIPS number entered in the "**Enter State/ County FIPS**" dialog followed by ".**shp**".

In this example, the user chose Maryland (or MD) for the State and 047 for the County FIPS. Now the new shapefile is named "**wet_p_MD047. shp**", which is Worcester County, Maryland.

Add existing Wetland shapefile

After selecting "**Add**," a dialog box will prompt the user to "**Add existing Wetland shapefile**". Browse for and select an existing wetland shapefile, then click the "OK" button.
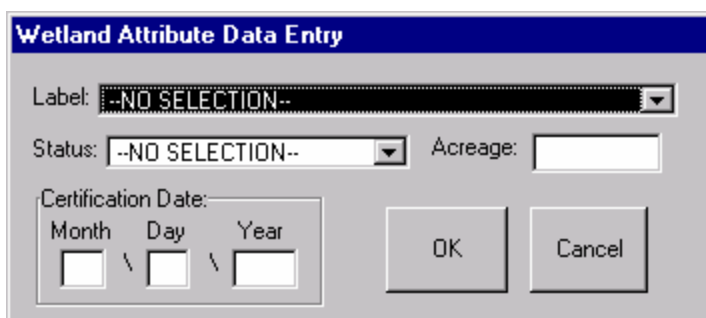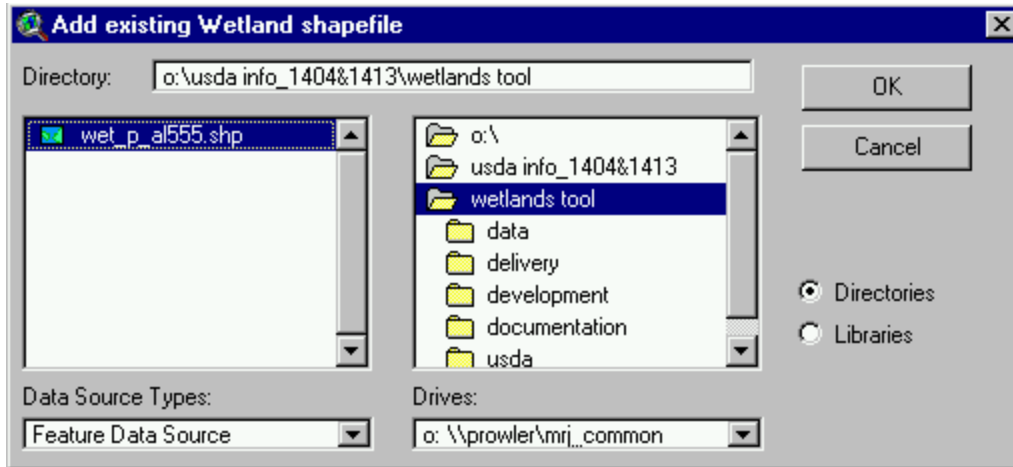

Now an existing "**Point**" theme will be added to the View.

Add Wetland Point

Click on the "**Add Wetland Point**" button. A new cursor will appear which will allow the users to place a point on the wetland theme. Move the cursor to the area where a point should be placed and click the left mouse button. Now an attribution dialog will appear.
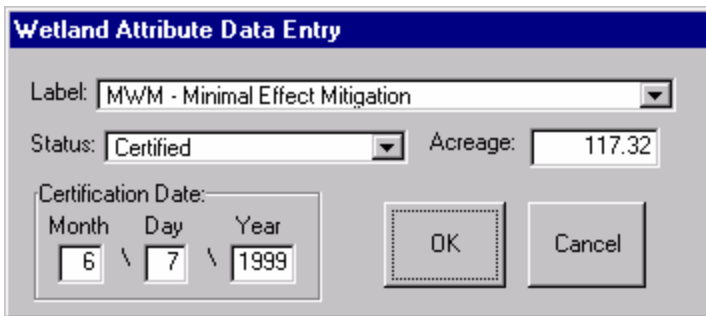

(See section labeled "**Attribute Wetland Point**" for further instructions on how to use this dialog.) After attribution, a new point will appear on the theme.

NEW Feature: *Set Scale dependency to 1:10,000 (maximum) for creating wetland points.*

Attribute Wetland Point

Click on the button labeled "**Attribute Wetland Point**". A new cursor will appear which will allow the users to change the attribution on an existing point. Move the cursor over an existing point and click the left mouse button. Now an attribute dialog will appear which will display all previously attributed data for that point.

Wetland Attribute Data Entry

Label: MWM - Minimal Effect Mitigation

Status: Certified   Acreage: 117.32

Certification Date:
Month   Day   Year
  6   \   7   \ 1999

OK   Cancel

There are four areas of attribution:

1. Label - This consists of a drop down list of 24 wetland label choices

2. Status – This consists of a drop down list of 3 wetland status choices

3. Acreage – This is an input field for the listed acreage

4. Certification Date – This in a series of input fields for certification date

The user should modify the appropriate fields to reflect the correct information, and then click on the "**OK**" button.

Delete Selected Wetland Point

Click on the button labeled "**Delete Selected Wetland**". A cursor will appear which will allow the users to delete a wetland point placed incorrectly.

Before the wetland point is deleted, a message asking for final confirmation will appear. The user may then choose to permanently delete the point or not.